

Fig. 1

CHEMICAL-MECHANICAL  
PLANARIZATION

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APPLY HYDROPHOBIC MATERIAL  
IN AN AQUEOUS SOLUTION  
TO FIX HYDROPHOBIC  
MATERIAL TO RESIDUE  
FROM PLANARIZATION

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INCLUDE HYDROPHILIC  
MATERIAL IN THE AQUEOUS SOLUTION  
TO SPREAD THE AQUEOUS  
SOLUTION OVER SURFACE

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**Fig. 2**

CHEMICAL-MECHANICAL  
PLANARIZATION OF A SURFACE WITH  
GRIT PARTICLES AND  
A POLISHING PLATE

40

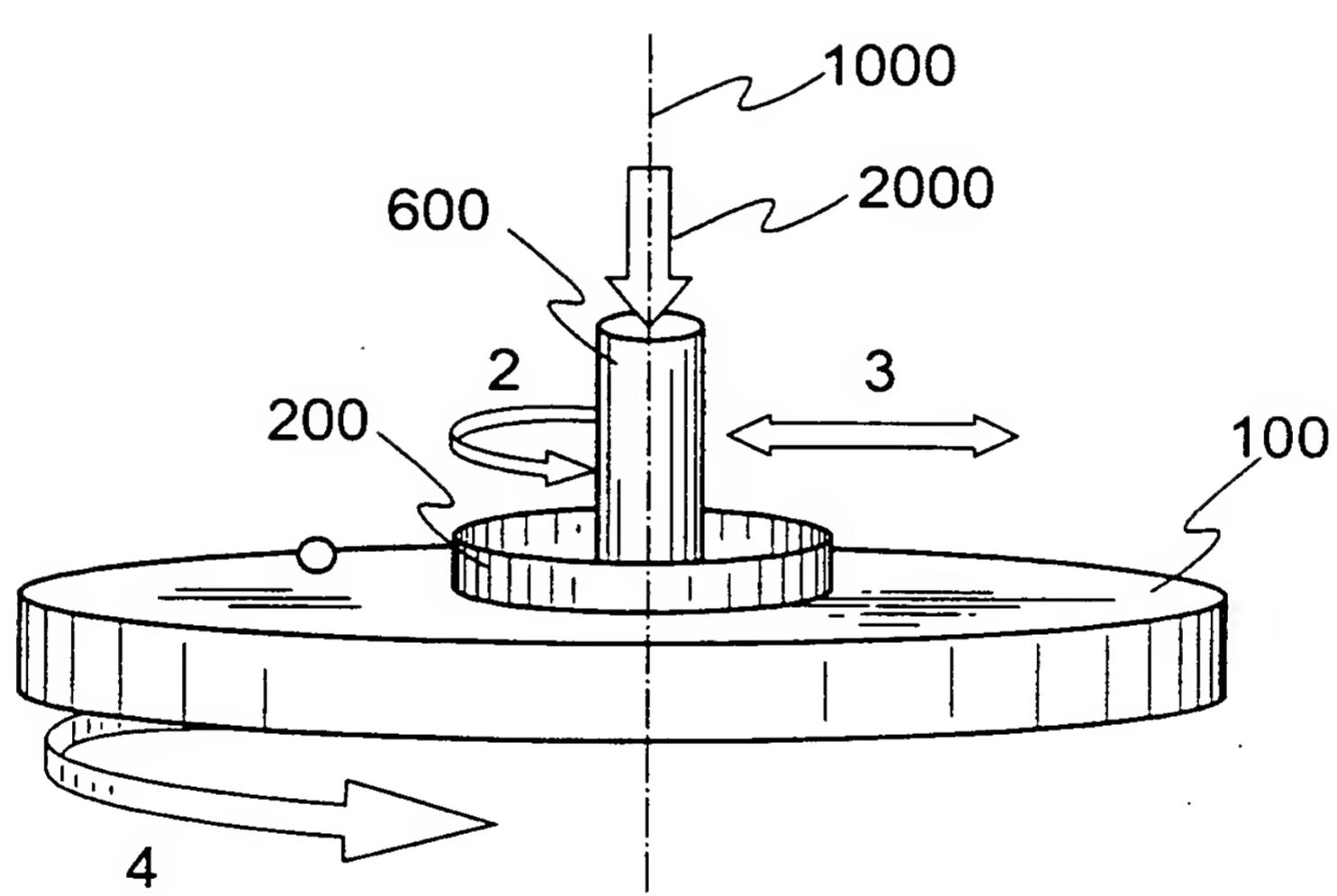
RINSING WITH AN  
AQUEOUS SURFACTANT  
SOLUTION USING  
A RINSING PLATE

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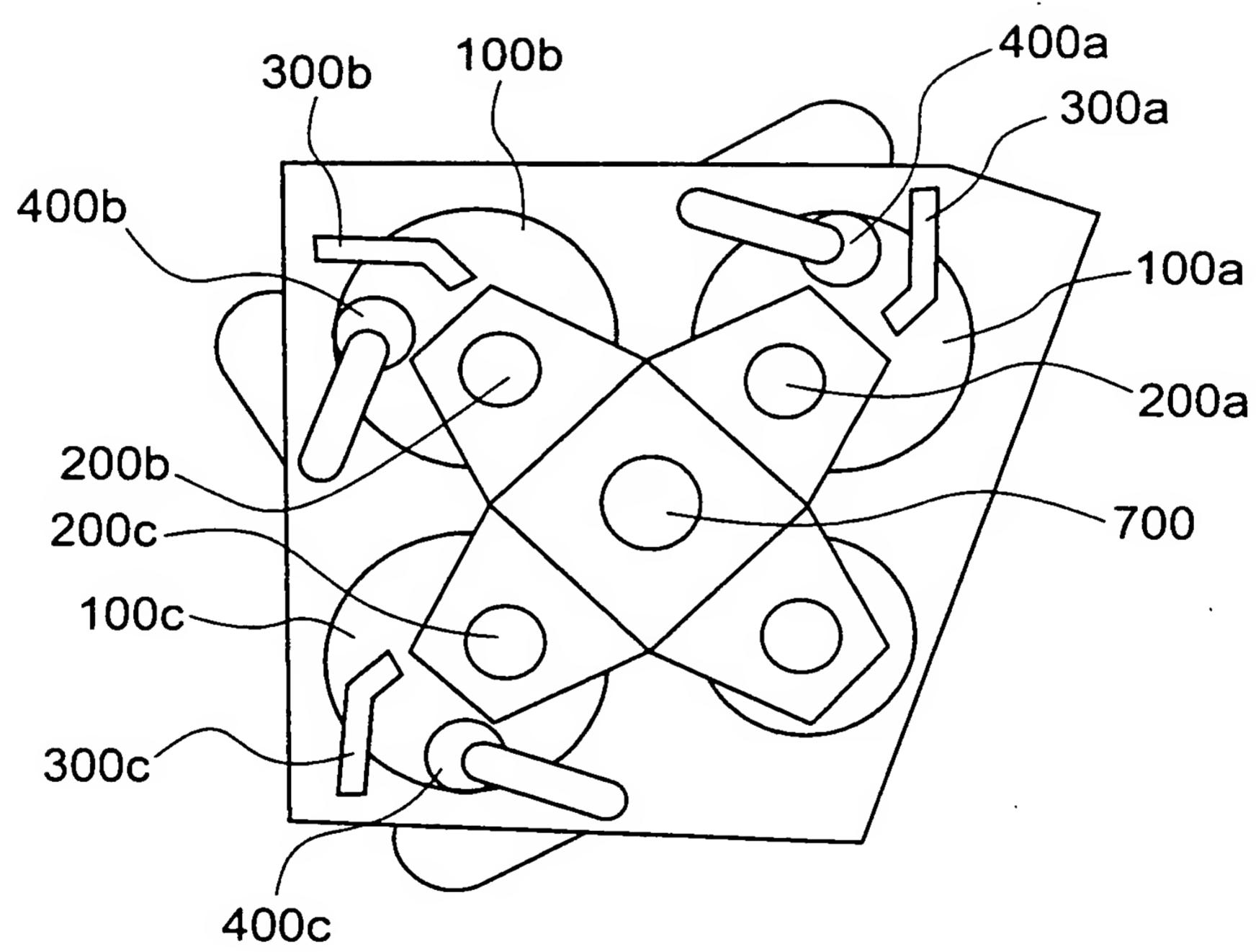
CLEANING WITH  
DEIONIZED WATER  
USING A CLEANING  
PLATE

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Fig. 3



**Fig. 4**



**Fig. 5**